

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KNEPO, L.

Apparatus for measuring inductions. p. 34 (Strojnoelektrotechnicky Casopis. Pratislava. Vol. 3, no. 2, 1952)  
SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

L 4545-66 EWT(1) IJP(s) 00/NW  
ACC NR: AP6024708

SOURCE CODE: CZ/042/65/000/010/0573/0592

AUTHOR: Kneppo, Ljudevit (Corresponding member CSAV; Academician SAV; Professor; 5/  
Doctor; Engineer; Doctor of sciences); Chalupka, Milan—Chalupka, M. (Engineer; B  
Candidate of sciences)

ORG: [Kneppo] Department of Theoretical and Experimental Electrical Engineering,  
SVST (Katedra teoretickej a experimentnej elektrotechniky SVST); [Chalupka—  
Chalupka] Department of Electric Power Engineering, SVST, Bratislava (Katedra  
elektroenergetiky SVST)

TITLE: Vector solution of the light field

SOURCE: Elektrotechnicky casopis, no. 10, 1965, 573-592

TOPIC TAGS: illumination engineering, electrostatic field, vector, calculus

ABSTRACT: The paper presents a solution of light fields from typical sources with reference to the possibilities of application of the method in theoretical illumination engineering. A uniform method is given for calculation of the illumination intensity  $E$  by the aid of the light vector  $S$  of the investigated field. The results are applied to several cases of curve-shaped and non-plane areas. The light field is compared with the elec-

Card 1/2

0915 25ac

L 34545-66

ACC NR: AP6024708

trostatic field and the opinion is stated that there is no formal analogy between them. The paper takes into account observation of the linear and areal symmetry of the fields, when complex calculus can be used advantageously. This article was presented by B. Havrelka. Orig. art. has: 19 figures and 40 formulas. [Based on authors' Eng. abstr.]  
JPRS: 34,691

SUB CODE: 20, 12 / SUBM DATE: 20 May 65 / ORIG REF: 001 / Sov Ref: 002

Card 2/2 ✓

L 41256-66 EWT(1) IJP(c)

ACC NR: AP6030526

SOURCE CODE: CZ/0042/66/000/001/0003/0028

AUTHOR: Kneppo, Ludovit (Academician); Mayer, Imrich (Docent; Engineer)

ORG: Department of Theoretical and Experimental Electrical Engineering, SVST,  
Bratislava (Katedra teoretickej a experim. elektrotechniky SVST)

TITLE: Contribution to the solution of magnetic fields with two media  $\mu_1$  and  
 $\mu_2$

SOURCE: Elektrotechnicky casopis, no. 1, 1966, 3-28

TOPIC TAGS: magnetic field, magnetic permeability

ABSTRACT: The paper presents a contribution to the solution of two-dimensional magnetic fields in a complex plane for the case of a field with two media with different permeabilities. After the method is introduced, the condition of the diffraction on the interface is derived in a complex form and the validity of the conform transformation and superposition in the solution of problems with interfaces is proved. Finally, a method of solution with convergent series using the derived diffraction law is shown. The application of the proposed method of solution is illustrated on six examples. This paper was presented by J. Kulda. Orig. art. has: 19 figures and 27 formulas. [Based on authors' Eng. abst.] [JPRS: 36,644]

SUB CODE: 20 / SUBM DATE: 20Jul65 / ORIG REF: 003 / SOV REF: 001  
OTH REF: 004

Card 1/1 m/s

0919 1210

KNEPO, LUDOVIT.

Zaklady teorie transdukterov. (V Bratislave)

Slovenska akademia vied, 1954. 147 p.

Monthly list of East European Acquisitions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.

Uncl.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KMEPO, Ludovit, akademik

Commemorating the 50th birthday of professor Zdenek Trnka. El tech  
cas 13 no.8:519-520 '62.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

EKEPO, Bedravit, prof., ins. dr., DrSc.

Symmetrical physical field. El tech cas 14 no.8:441-452 '63.

1. člen korespondent Československé akademie věd, akademik  
Slovenskej akademie vied; Katedra teoretickej a experimentálnej  
elektrotechniky, Mytna 32/B, Bratislava.

L 7938-66 ENT(d)/EXP(1) IJP(c) <sup>BB/GG</sup> SOURCE CODE: UR/0119/65/000/008/0012/0014  
ACC NR: AP5023653

AUTHOR: Kneppo, P. L.<sup>44</sup> (Engineer); Mosheyko, A. A.<sup>44</sup> (Engineer);  
Semenov, V. F. (Engineer)

ORG: Moskovskiy energeticheskiy institut (Moscow Power-Engineering Institute)

TITLE: High-speed voltage-to-number transistorized converters

SOURCE: Priborostroyeniye, no. 8, 1965, 12-14

TOPIC TAGS: transducer, converter, analog digital converter 16,44

ABSTRACT: The development of two laboratory models of a voltage-to-number converter is reported. Each model comprises these conventional units: a number-to-voltage converter, a pulse distributor, a balance detector, and a logical circuit. The first model includes a 16-digit binary-decimal scaler and a 40-kc-band balance-detector amplifier; the second model has a 12-digit binary scaler and a 400-kc-band amplifier. Component data is detailed. These

UDC: 621.314.1:621.315.592

Card 1/2

L 7938-66

ACC NR: AP5023653

parameters are claimed to have been measured:

	First model	Second model
Nominal d-c voltage -----	9.999	10.2375 v
Resolution -----	1	2.5 mv
Signal-source resistance -----	2000±50	2500±100 ohms
Conversion time -----	3	0.15 msec
Permissible temperature -----	15°35	20±5 C
Supply-voltage variation -----	±10	±10 %
Absolute conversion error -----	±(0.02% U <sub>A</sub> + 1)	±(0.05% U <sub>A</sub> + 2.5) mv

Orig. art. has: 3 figures.

SUB CODE: 09 / SUBM DATE: 00 / ORIG REF: 002

PC

Card 2/2

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KNEPPO, Vojtech

Equipment for making checkerwork rugs from wood fiber bands.  
Drevo 18 no. 7:279-280 Jl '63.

1. Mier, Topolcany.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

KHREBEL', G.M.; LERMER, Ya.N.; POLOBYEV, V.I.; POPOV, V.A.; REZNIK, M.Ya.;  
REYPER, Ya.A.; SKACHKOV, A.I.; STEPANOV, M.N.; KHALTUNIN, V.V.;  
KHRAPOVA, Ye.I.; SHREIDER, B.L.; STERTSER, O.N.; AVERUSHCHENKO, R.A.,  
red.; KOMYASHINA, A.D., tekhn.red.

[Fifty years of the Leningrad tramway] 50 let leningradskogo  
tramvaya. Moskva, Izd-vo N-va kommun.khoz.RSSR, 1957. 231 p.  
(MIRA 11:1)

(Leningrad--Street railways)

POZDNEV, V.I., insh.; KIREEV, G.M., insh., red.

[Selection of optimum power for traction substations of the city electric surface transportation; published for exchange of experience] Vybor optimal'noi mozhnosti tiazovykh podstantsii dlia gorodskogo nasennogo elektrotransporta; v poriadke obmena opyton. Leningrad, 1958. 32 p. (MIRA 13:3)

1. Nauchno-tehnicheskoye obshchestvo sanitarnoy tekhniki i gorodskogo khosyystva.

(Street railways)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KMEREL', G.M.; STASENKO, V.P.

Saving electric energy in the Leningrad urban electric  
transportation system. Prom.energ. 16 no.9:1-5 8 '61.  
(MIRA 14:8)  
(Leningrad--Transit systems)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

KNERTSER, V.G. [Knertser, V.N.]

Determination by the circulation method of steady recovery and  
the falling of water level based on data on short-duration  
pumping. Geol.sher. 22 no.6:69-77 '62. (MIRA 16:2)

1. Trest "Artegeologiya",  
(Water, Underground)

SHUL'MANOVICH, G.Ya.; KNERTSER, V.O.

Dependence of the water inflow to mines on the area, depth,  
and time of exploitation (based on observation data in the  
mines of the Donets Basin). Trudy VSEGINGEO no.10:81-86 '64.  
(MIRA 17:10)

1. Trest "Artemgeologiya".

KIESAUREK, N.

Operational problems of steam turbines. p. 103.

ENTRIZIJA. (Zajednica elektroprivrednih poduzeća Hrvatske i Institut za  
elektroprivredu u Zagrebu) Zagreb, Yugoslavia.  
Vol. 8, no. 3/4, Mar./Apr. 1959.

Monthly list of the East European Accessions (EEAI) 10, Vol. 8, no. 8, Aug. 1959.

Uncl.

KINESIS, S. G.

Clinical characteristics of primary cancer of the lung. Vop. klin. lech. zlok. novoobras. 7:179-186. '61.

1. Respublikanskaya klinicheskaya bol'nička im. P. I. Stradynya (glavnnyy vrach., L. I. Shcherbakova).

(LUNG NEOPLASMS)

Novy Jicin

APPROVED FOR RELEASE: 06/19/2000  
Date, Veterinariya, No 12, November 1966, pp 305-307 CIA-RDP86-00513R000723320007-7

"Synthetic nutrition of cattle."

KNESL, M.

CZECHOSLOVAKIA

KNESL, M., DVM.

Opava

Prague, Veterinarstvi, No 4, 1963, pp 182-183

"Unusual Illness of Calves in Central Barn for Calves."

L 34928-66

ACC NR: AP6026635

SOURCE CODE: CZ/0034766/000/004/0294/0294

INVENTOR: Rehak, C. (Engineer); Kneschek, R. (Engineer)

ORG: none

22

B

TITLE: Cooling tunnel. Class 18c, No PV527-65

SOURCES: Hutnicko listy, no. 4, 1966, 294

TOPIC TAGS: radiative cooling, heat conduction, heating engineering

ABSTRACT: The article is a summary of Czechoslovak Patent Application Class 18c, 1/00, PV 527-65, dated 26 Jan 65. The invention describes a cooling tunnel where the heat from the objects being cooled is removed by radiation and conductance in dry condition. The inner wall of the tunnel carries heat conducting flexible objects made of metal; these contact the object being cooled and conduct the heat to the wall of the tunnel. The walls of the tunnel are hollow and cooled by water. Orig. art. has: 1 figure. [JPRS-36,646]

SUB CODE: 13 / SUBM DATE: none

Card 1/1

SCHREIBER, V.; KOMENTOVA, V.; KAPITOLA, J.; KUBLOVA, V.; SEBESTIK, V.

Determination of thyroid gland function in rats and guinea pigs in vivo with radiciodine. Cesk. fysiol. 12 no.6:465-468 N'63.

1. Laborator pro endokrinologii a metabolismus, fak. vseob. lek. KU, Ustav hematologie a krevni transfuse, Praha.

\*

SCHREIBER, V.; RYBAK, M.; KOCI, J.; ECKERTOVA, A.; FRANC, Z.; JIRGL, V.  
KMENTOVA, V.; KAPITOLA, J.; SKREŠTIK, V.; KMEŠLOVÁ, V.

Hypothalamic factor releasing thyrotropin (TRF). Acta Univ.  
Carol. [med.] (Praha) 10: suppl. 17:105-110 '63

1. Laborator pre endokrinologii a metabolismus, fakulty všeobecného lekarství University Karlovy v Praze (reditel: akademik Josef Charvat); Ustav hematologie a krevní transfuse (reditel: prof. MUDr. J. Horáček); a Výzkumný ustav pro farmacií a biochemii (reditel: dr. inż. O. Nemešek).

KNESPL, Zdenek, ins.

On basic trends of the reliability theory. El tech obzor 53  
no. 51273-274 My '64.

CA

Proteins and amino acids. IV. Partition chromatography of dinitrophenyl amino acids on bioactive and activated materials. O. Koral, B. Kral, A. Melij, and F. Form (Tech. Univ. Prague Collection Czechoslov. Chem. Commun., 15, 818-24 (1951) (in English); cf. C.A. 45, 6126; 46, 2547).—The substitution of bioactive or active gel in the method of Haug (C.A. 49, 6551), gives a more reproducible system. If the bioactive is silicone coated or a silicone polymer is used, a "reversed-phase" chromatography ensues. The rate of movement,  $R$ , as a function of pH was evaluated as the ratio of  $R$  for a reference substance to  $R$  for the dinitrophenyl amino acid. The pH is so selected that optimum separation is obtained for any given salt. The dinitrophenyl derivatives of threonine, glycine, alanine, and phenylalanine and diisopropeniline were used as examples with a mobile phase of  $\text{CHCl}_3\text{-BzOAc}$ .

B. P. Black

KNESSL, O.

MEGUL, O.; VLASTIČOVÁ, A.

On terpenes. LVI. Paper chromatography of acilenes. p. 722. (Collection of Czechoslovak Communication. Praha. East Vol. 19, no. 4, Aug. 1954)

SC: Monthly List of European Accession (EIAL), LC, Vol. 4, No. 6,

June 1955, Uncl.

116. *Separation of aromatic hydrocarbons by paper chromatography of carbon tetrachloride.* D. Krasel and A. Vlastilova. *J. Chromatogr.* 1954, 10, 512-516. --The separation and identification of a number of aromatics by paper chromatography is described, paraffin oil being used as the stationary phase and aq.  $H_3PO_4$  as the according mobile phase. The spots are detected by washing the chromatogram with water or, quantitatively, by exposing it to  $NH_3$  gas. The effect of the degree of impregnation of the filter paper (Whatman No. 1) with the oil, of the concn. of the acid and of the amounts of individual aromatics chromatographed on their separation is discussed, and a table of  $R_f$  values corresponding to  $H_3PO_4$  concn. from 15 to 70 per cent. is given.  
G. GLASER

*RAJ gw*

KNESSL OTTO

C 8 E - H

Ramseier activity function for the system ~~acetic acid~~  
phosphate buffer-water. Otto Kressl, Jan Röder and others  
TGA-NMR study of polymerization reaction  
July 19, 1978 (KFA Jülich) — The Ramseier activity function for  
the system at 21° was used in the conversion range 0-15%.

$\text{H}_3\text{PO}_4$  and 0.1%  $\text{HCO}$ . The indicator was  $\text{p}-\text{nitrophenol}$ .  
This system forms a buffer soln. suitable for the use of  
CuII catalyst in the AcOH soln. B. Rehm

6

get

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

JONAS, J.; KANSKY, J.; KNESSL, O.

Molecular weight microdetermination by isothermal distillation.  
Coll Cs Chem 26 no.8:2073-2075 '61.

1. Institute of Organic Chemistry and Biochemistry,  
Czechoslovak Academy of Sciences, Prague.

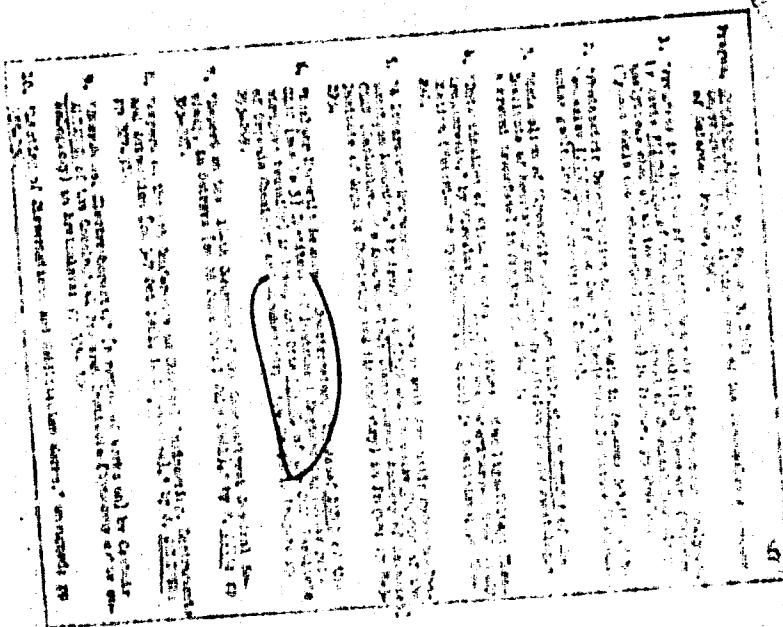
APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KNESSL, O.



APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

KNESSL, O.

"An introduction to the analysis of spin-spin splitting in  
high-resolution nuclear magnetic resonance spectra" by John  
D. Roberts. Reviewed by O. Knessl. Chem listy 57 no.4:403  
Ap '63.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

MESL, O. ins.

Czechoslovak machine industry at the 1963 Brno International  
Fair. Tech prace 15 no.98652-654 8'63.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

KNESSL, Otto

Simple valence models. Chem listy 57 no. 12: 1288-1293  
D '63.

1. Laborator molekularni spektroskopie, Ustav organicko  
chemie a biochemie, Ceskoslovenska akademie ved, Praha.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KNESSL, O.

"The interpretation of NMR spectra" by Kenneth B. Wiberg,  
Bernard J. Nist. Reviewed by O. Knessl. Chem Listy 58  
no. 5:594 My '64.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

SCHRAML, J.; KNESSL, O.

Magnetic properties of Albomycin. Coll Czech Chem Comm 29 no. 9:2230-2231 S '64.

1. Institute of Chemical Process Fundamentals and Institute of Organic Chemistry and Biochemistry, Czechoslovak Academy of Sciences, Prague.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

KNESSLOVA, VERA

**Chart, J. (2)**  
 (after crystals from  $\text{CHCl}_3$ -ether, m. 155°, V (3 g.) dissolved in 4 hrs. with 15 ml. 50% aq.  $\text{H}_2\text{O}_2$ , then cooled, and the residue (0.2 g.) dissolved in 40 ml.  $\text{MeOH}$  and 4 ml.  $\text{C}_6\text{H}_5\text{N}$  yielded 1.7 g. (45%) IV, m. 155° (from  $\text{H}_2\text{O}$ ). VI (30 g.) and 52.8 g.  $\text{MeC}_6\text{H}_5\text{CHCO}_2\text{Na}$  reduced 15 hrs. with 0.4 g. Na in 20 ml.  $\text{EtOH}$ , the solvent acidified, exd. with three 40 ml. portions of ether, and the exd. evapd. yielded 20.6 g. (67%) of VII, m. 122-3°. The Schmidt reaction carried out in the same way as for V gave 17 g. of an oil which was directly hydrolysed with dil.  $\text{H}_2\text{SO}_4$  (5 ml. concd.  $\text{H}_2\text{SO}_4$  in 10 ml.  $\text{H}_2\text{O}$  for 11 g. of the oil) by refluxing 6 hrs.; after the removal of the  $\text{Na}$  and  $\text{SO}_4^{2-}$  ions the residue was exd. to dryness and dissolved in 10 ml.  $\text{H}_2\text{O}$  and 10 ml.  $\text{EtOH}$  to yield 2 g. IX, m. 181°. (After crystals from  $\text{H}_2\text{O}$ , m. 185° decomps.). The Schmidt reaction with 80 ml.  $\text{H}_2\text{SO}_4$ , 200 ml.  $\text{CHCl}_3$ , 21.4 g. VIII, and 180 ml. 2.9%  $\text{HgN}$  gave an acetamido deriv., which, after hydrolysis with dil.  $\text{H}_2\text{SO}_4$  and removal of the ions yielded 1.2 g. X, m. 155-5° (from  $\text{H}_2\text{O}$ ). XIII. Use of *azobenzeneacetyl* chloride in determination of end amino acids of peptide chains. *Pol. Jpn.* 5(1), 549; *Yera, Kralickova, and Prochazka* from *Czechoslovak Chem. Rev.*, Prague, 1964, 144, 167-70.—*p-PAN-*  
*NaCl<sub>2</sub>SO<sub>3</sub>Cl* (I) was found to be a suitable reagent for detg. the 2nd amino acids in peptides. The amino acid (or peptide) was treated with I in dioxane and an equal amt. of  $\text{NaHCO}_3$  in an aq. medium 2 hrs.; at room tem.  $\beta$ , the  $\text{H}_2\text{O}$  and dioxane were exd. in vacuo, and the residue was dissolved in  $\text{H}_2\text{O}$ , exd. with  $\text{CHCl}_3$  to remove unreacted I, and acidified. The *azobenzeneacetyl* deriv. (a % given) of the following compds. were detected: glycine, 34.8%; L-alanine 148°, L-leucine 215°, D-leucine 168°, m-series 242°, D-isoleucine 207°, D-methionine 119°, D-phenylalanine 156°, L-tryptophan 231°, D-tyrosine 157°, L-arginine 173°, D-lysidine (1% soln) alone 201° (decomp.), L-lysine 105°, DL-N,N-dimethylarginine 204°, L-, N,N-dimethyl-L-tyrosine 123°, and m-N,N-dimethyl 102°. Acid hydrolysis (heating 5 hrs. at 150° with 6%  $\text{HCl}$ ) liberated amino acids from the *azobenzeneacetyl* derivs.; alk. hydrolysis (4 hrs. at 100° with  $\text{KOH}$  or  $\text{NaOCH}_3$ ) split only peptidic bonds, so that the end amino acid could be identified from

**Proteins and aminocids. XII. Synthesis of C-terminal glutamic acids.** Jiri Sout and Frantisek Form (Central Chem. Inst., Prague, Czech.). *Czechoslovak Chem. Commun.*, 18, 131-W (1953) (English summary); cf. *C.A.*, 47, 12466a.—After the failure of the Curtius degradation of ester acids of (cynoethyl)malonic acid, the Schmitt reaction was used for prep. all three C-terminal glutamic acids,  $\text{AcCHMeCO}_2\text{R}$  I with  $\text{CH}_3\text{CHCN}$  (II) gave  $\text{HOOCCH}_2\text{R}$  II;  $\text{AcCH}_2\text{CH}_2\text{CN}$  (III) which was transformed directly to  $\alpha$ -methylglutamic acid (IV). IV was also obtained by hydrolysis of  $\text{O}_2\text{CCMe}(\text{NHAc})\text{CH}_2\text{CH}_2\text{CO}_2\text{R}$  (V) resulting from the action of  $\text{NaOH}$  on  $\text{EtO}_2\text{C}\text{AcMeCH}_2\text{CH}_2\text{CO}_2\text{R}$ ;  $\text{AcCH}_2\text{CO}_2\text{R}$  VI and  $\text{MeCH}_2\text{CHCO}_2\text{R}$  gave  $\text{HOOCCH}_2\text{ArCH}_2\text{NHCOR}$  VII (VII), VI and  $\text{CH}_2\text{CMeCO}_2\text{Me}$  gave  $\text{HOOCCH}_2\text{ArCH}_2\text{CH}_2\text{CO}_2\text{Me}$  (VIII). VII and VIII were transformed to  $\alpha$ - (IX) and  $\gamma$ -methylglutamic (X) acids resp., by the Behrman reaction.  $\text{MeC}(=\text{O})\text{CD}_2\text{Rb}$  (17.4 g.), 10 ml. dioxane and 2 ml. Reissert's catalyst treated with 10.8 g. II at 20–40° with cooling, the mixt. acidified with HCl (1:3) after 3 hrs., treated with 26 ml.  $(\text{CH}_3)_2\text{N}$  and 23 ml.  $\text{H}_2\text{O}_2$  and the org. layer evap'd. in vacuo to yield 95% ( $\text{NCC}_2\text{CH}_2\text{CH}_2\text{CO}_2\text{R}$ ), b.p. 119°, d<sub>4</sub> 1.0002, n<sub>D</sub> 1.4309. I (20.8 g.), 10 ml. dioxane, 0.5 g. Na, and 20 ml.  $\text{EtO}_2\text{N}$  was added, in the course of 1 hr., 21.2 g. II at 37° and the product isolated as above yielding 24 g. (61%) of III, b.p. 118°, d<sub>4</sub> 1.0008, n<sub>D</sub> 1.4408. III (18.7 g.) in 120 ml. of 4.7%  $\text{NaOH}$  soln. was added to a stirred mixt. of 80 ml. concd.  $\text{HgSO}_4$  in 280 ml.  $\text{CHCl}_3$  at 20–30°, the residual reaction mixt. dilut'd. with 120 ml.  $\text{H}_2\text{O}$ , the aq. layer ext'd. with 25 ml.  $\text{CHCl}_3$ , diluted 10 min., dilut'd. with dilut.  $\text{H}_2\text{O}$  to 500 ml., mixed with 510 g.  $\text{Ba(OH)}_2$  in 800 ml. hot  $\text{H}_2\text{O}$ , boiled 20 min., the  $\text{BaSO}_4$  was filtered off, washed with 800 ml. hot  $\text{H}_2\text{O}$  contg. 5 ml.  $\text{HgCl}_2$ , the  $\text{Ba}$  and  $\text{SO}_4$  ions removed, and the filtrate quench'd. to  $\text{pH}$  100 ml.<sup>1</sup>, treated with 100 ml.  $\text{HgCl}_2$  and allowed to cryst. in an ice bath to yield 8.5 g. (16%) of IV, m. 109° (from  $\text{H}_2\text{O}$ ). To 17 g. of  $\text{HOOCCH}_2\text{CH}_2\text{CH}_2\text{CO}_2\text{R}$  in 100 ml.  $\text{CHCl}_3$  and 84 ml. concd.  $\text{HgSO}_4$  was added 7 g.  $\text{HgNO}_3$  portion-wise with cooling at 20–40°. the mixt. poured onto 200 g. ice, and the  $\text{CHCl}_3$  layer ex'd. with 100 ml.  $\text{HgCl}_2$ , dried, and evap'd., leaving 14.2 g. (79%) V, m. 94–95°.

(2842)

KNESSLOVA, V.; KEIL, B.; SORM, P.

On proteins. XXIII. Substitution of some amino groups of lysine in the molecule of chymotrypsinogen in reaction with dinitrofluorobenzene. In: Collection of Czechoslovak Chemical Communication. Praha. Vol. 19, no. 4, Aug. 1954. No. 535. Monthly List of European Accession (EAL), LC, Vol. 4, No. 6, June 1955, Uncl.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

✓ Protein. XXXIII. Differences in the arginyl peptides  
of some serum albumins. Věra Krestová, Vladimír  
Kročka, Bohumil Keli, and František Šencl (Tech Akad  
Věd, Prague). *Chem. Listy* 69, 913-920 (1975). MP  
49, 100004 - Human, beef, boar, duck, and sheep serum  
alBUMIN were subjected to partial hydrolysis by heating  
200-mg portions of the protein 144 hrs at 37° with 10 ml  
concd HCl. From the partial hydrolysates the arginyl  
peptides were isolated by means of the ion exchanger Ac-  
berlite 12-A. Hydrolysis of the arginyl peptides with  
equal vol. of concd HCl (16 hrs at 105°) is a scaled rate  
paper chromatography in BuOH-AcOH systems, hydrolysis  
of individual fractions with 6N HCl (16 hrs at 105°), paper  
chromatography in the BuOH-AcOH system, and finally,  
phenyl analysis revealed considerable differences in the con-  
tent of the individual amino acids in serum albumins of  
various origins, although the total hydrolysates of all of the  
investigated serum albumins showed only slight differences.

CAPK, R.; KRESSLAY, V.

*Effect of tetrathylammonium bromide on contractions induced by bradykinin.  
Cesk. fysiol. 7 no. 5:440-441 Sept 58.*

1. Farmakologicka laboratorie Chemickeho ustavy CSAV, Praha.  
(KALLIKERIN,

bradykinin-induced musc. contractions, eff. of tetrathylammonium bromide (Cs)  
(TETRAETHYLMONIUM, effects, on bradykinin-induced musc. contractions (Cs))

CAPK, R.; KMELOVA, V.

Effect of tetraethylammonium on isolated contractions of the isolated muscles. Acta physiol. polon. 10 no.2:252-253 Mar-Apr 59.

1. Z Zakludu Farmakologii CHAV v Pradse.  
(KALDERLIK)

bradykinin inducing isolated musc. contractions, eff.  
of tetraethylammonium (Pol))  
(TETRAETHYLIAMMONIUM, eff.  
on exper. spasms induced by bradykinin in isolated musc.  
(Pol))  
(SPASM, exper.  
eff. of tetraethylammonium in spasms induced by brady-  
kinin in isolated musc. (Pol))

RASHEKOVA, Ye.; VANICHKIN, Yu.; KHRESSLOVA, V.

Pharmacology of streptolysin "O," Farm. i toks. 22 no. 6: 526-527  
N-D '59. (MIRA 13:5)

1. Kafedra farmakologii pediatricheskogo fakul'teta Universiteta  
imeni Karla i farmakologicheskaya laboratoriya Khimicheskogo  
instituta Cheskoslovatskoy akademii nauk, Praha.  
(HEMOLYSIS AND HEMOLYSINS)  
(BRAIN)

REJNEK, J.; BEDNARIK, T.; KMESSLOVA, V.

The transfer of heterologous  $^{131}\text{I}$  gamma globulin from the maternal into the foetal circulation. Physiol Bohemoslov 10 no.5:453-460 '61.

1. Institute of Haematology and Blood Transfusion, Prague.  
(GAMMA GLOBULIN metab) (FETUS metab)  
(PREGNANCY metab)

BEDNARIK, T.; REJNEK, J.; KNESSLOVA, V.

Transfer of heterologous and homologous  $^{131}\text{I}$  albumin from the maternal into the foetal circulation. Physiol. Bohemoslov. 11 no.1:64-73 '62.

1. Institute of Haematology and Blood Transfusion, Prague.

(SERUM ALBUMIN metab) (PLACENTA physiol)  
(IODINE radioactive)

BEDNARIK, T.; REJNEK, J.; KNESSLOVA, V.

The fate of  $^{35}\text{S}$ -labelled heterologous gamma globulin following intraperitoneal administration in rats. Physiol. Bohemoslov. 11 no.4:329-335 '62.

1. Institute of Haematology and Blood Transfusion, Prague.  
(GAMMA GLOBULIN) (SULFUR ISOTOPES)

REJNEK, J.; BEDNARIK, T.; KMESSLOVA, V.

The fate of  $^{35}\text{S}$  labelled heterologous albumin following intraperitoneal application in rats. Physiol. Bohemoslov. 11 no.4: 336-342 '62.

1. Institute of Haematology and Blood Transfusion, Prague.  
(SERUM ALBUMIN) (SULFUR ISOTOPES)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KHRSZL, Lasslo, oklevoles gepszumernek

Boating certain workplaces (coal separators) scattered  
through large territory. Banyaterv no. 17: 68-83 D 163.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KNETA, Z.

Content of trace elements in the myocardium. Inv. AN Latv.SSR  
no.9+115-122 '63.  
(MIRA 16:12)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KNETA, Z.

Iron, copper, zinc, manganese and cobalt content in protein  
fractions of the myocardium. Izv. AN Latv. SSR no.11,107-114  
'63.

(MIRA 17:4)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

KNETA, Z.

Content of the trace elements of iron, copper, zinc, manganese and cobalt in the myocardium and in the protein fraction of the human heart muscle. Izv. AN Latv.SSR no.1:91-100 '64. (MIRA 17:4)

1. Riazskiy meditsinskiy institut.

SKACKL, Jaroslav; MAREK, Miloslav; MIKUS, Miloslav; KNEZ, Jaroslav;  
PAUK, Tomas; HARTAS, Frantisek; OREL, Petr; VIBRAL, Josef;  
BARTH, Vojtech; JIRAK, František, Bohuslav; DVORAK, Jaroslav;  
ADOLIAN, Jan.

The 2nd Regional Geological Conference in Opava. Přir. cas  
slezský 23 no.1:133-143 '62.

KNEV A.  
BULGARIA / Human and Animal Morphology, Normal and Patho-  
logic --Cardiovascular System

Abs Jour: Ruf Zhur-Biol., No 13, 1958, 59871

Author : K'nov, Ar.

Inst : Institute of Morphology of the Bulgarian Academy  
of Sciences

Title : Different Types of Arcus Volaris Superficialis  
and Their Development in Man

Orig Pub: Izv. Inst. morfol. Bulg. AN, 1957, kn.2, 221-241

Abstract: All 4 types of arcus volaris superficialis (AVS)  
are described from 250 human arms. The ulnar type  
was observed in 44.8 percent of the cases, the  
radio-ulnar in 44 percent. The author connects the  
different types of AVS with the process of progres-

Card 1/2

BULGARIA / Human and Animal Morphology, Normal and Pathologic -- Cardiovascular System S-4

Abs Jour: Ref Zhur-Biol., No 13, 1958, 59871

sive opposition of the human first finger. The author believes the original type to be that observed in 28 percent of the cases, in which all the common volar digital arteries issue from AVS, which provides the proper digital arteries for the first and second fingers. The most modified type is that in which the common volar digital artery is lacking (observed in 10 percent of the cases). All the other cases were transitional forms.

Card 2/2

KNEV K.

## BULGARIA/Optics - Luminescence.

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4527  
 Author : K"nev, K.  
 Inst : -  
 Title : Activation of Zinc Sulfide with Copper at Low Temperatures  
 Orig Pub : Godishnik Sofiysk. un-t. Fiz.-matem. fak., 1956-1957  
 (1958), 51, No 3, 1-12

Abstract : A ZnS-Cu phosphor was obtained in a chemical reaction between a 3 n solution of zinc acetate (I) with sodium sulfate. Here I was taken in excess. The activator was added in the form of a solution of CuSO<sub>4</sub>. The optimum concentration of copper is 10<sup>-3</sup> g per gram of ZnS. After heating for ten minutes at 100°C, phosphors are formed with a maximum of radiation spectrum near 490 -- 500 millimeterons. As the concentration of the copper increases, the position of the maximum shifts towards the longer waves. Without heat treatment, the

K

Card 1/2

BULGARIA/Optics - Luminescence  
 APPROVED FOR RELEASE: 06/19/2000 Ref Zhur Fizika, No 2, 1960, 4527 CIA-RDP86-00513R000723320007-7

brightness of the glow of the powders obtained is very weak. Compared with the glow brightness of high-temperature ZnS-Cu phosphors, the brightness of the low-temperature phosphors ZnS-Cu is approximately 100 times smaller. The phosphor consists of finely dispersed powder, the x-ray diffraction lines of which are weak and washed out. The sizes of the small crystals do not exceed 10<sup>-5</sup> cm. At the temperature of liquid air, the investigated phosphor had a long afterglow. See also Referat Zhur Fizika, No 10, 1958, 23905. --  
 K.S. Rebane

K

Card 2/2

KNEV, K

BULGARIA/Optics - Luminescence.

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4528  
Author : K"nev, K.  
Inst : -  
Title : Structural Sensitivity of Luminescence of Low-Temperature  
ZnS-Cu Phosphor  
Orig Pub : Godishnik Sofiyak. un-t. Fiz.-matem. fak., 1958-1957  
(1958), 51, No 3, 13-32  
  
Abstract : An investigation is made of the variation of the brightness of the low-temperature ZnS-Cu phosphor (Abstract 4527) on the conditions of manufacture of the compounds. The brightest glow is observed in the investigation of phosphors in a dispersed medium, consisting of a solution  $Zn(CH_3COO)_2$ . It is concluded that the observed phenomena can be due to the fact that the low-temperature ZnS-Cu phosphors are surface active phosphors. The article considers in greater detail the material treated

Card 1/2

BULGARIA/Optics - Luminescence.

K

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4528

in a previously published paper (Referat Zhur Fizika, 1958, No 12, 28602). -- K.S. Rebane

Card 2/2

- 109 -

9.4160

44305

S/058/62/000/012/043/048  
A062/A101

AUTHORS: Kolomiyets, Boris T., K"nev, Stefan.

TITLE: Photoresistors in automation and industry

PERIODICAL: Referativnyy zhurnal, Fizika, no. 12, 1962, 26, abstract 12-3-521  
("Fiz.-matem spisaniye", 1961, 4, no. 4, 250 - 263, Bulgarian)

TEXT: Survey of general properties of photoresistors and their typical characteristics and practical applications. At present the industry already produces photoresistors to obtain sufficiently high currents up to 10 mA and more. These photoresistors are prepared from monocrystalline and pressed cadmium sulfide. Also laboratory samples are obtained having a linear dependence between the photocurrent and the illumination. The time constant of the existing types is of the order of  $10^{-3}$  -  $10^{-5}$  sec; the least inert are photoresistors made from lead sulfide which can be used for audio frequencies up to 10 kilohertz. Applications are considered for photorelays, automatic sorters, blocking devices, etc. The application of photoresistors in the polygraphic industry is described in more detail.

[Abstracter's note: Complete translation]

N. S.

Card 1/1

BUKGRIA/Electronics - Electron and Ion Emission

H-2

Abs Jour & Ref Zhur - Pisika, No 10, 1958, No 23283

Author : Khey V.

Inst : Physics Institute of the Bulgarian Academy of Sciences

Title : Influence of Ultrasonic Oscillations on the Malter Effect  
in Alkali-Malide Dielectrics.

Orig Pub : Izv. Bieg. Nauk. Tekhn. i tekhn. n., Ser. fiz., 1957,  
6, 181-203

Abstract : An investigation was made of the influence of ultrasonic oscillations of high frequency (up to 6 Mcs) on the anomalous secondary-emission properties of emitters made of KOI, deposited directly on a piezoelectric plate. The phase shift of the primary and secondary currents were measured along with the ratio  $i_{max}/i_{min}$  of the modulated secondary field-emission current at the different frequencies. It was established that the effect of ultrasound reduced strongly the value of the coefficient of anomalous secondary emission, improves the frequency characteristic of the emitter, and

Card : 1/2

247700 (160, NC4, 1385)

26.23/2

AUTHOR: K"nev, V.

TITLE: Secondary electron emission from antimony - rubidium layers

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1961, 3, abstract 12G17 (Vtorichnoelektronna emisiya ot antimonorubidiyevi sloyeye. Izv. Fiz. in-t ANEB, 1960, v. 8, 131-141)

TEXT: Experimental investigations into the properties of thin polycrystalline layers of a 2-component antimony-rubidium system have been carried out. High purity antimony was evaporated in high vacuum at pressures  $< 10^{-6}$  mm Hg and by depositing on a platinum wafer formed a base on which a dust deposit of rubidium atoms was sprayed at a temperature of 408°K. Intermetallic compounds were thus formed by the diffusion of rubidium into the antimony layer. Formation of these compounds was established by observing the change in the conductivity of the antimony layer, in relation to the

33571  
S/194/61/000/012/059/097  
D201/D303

33571

Secondary electron emission ...

8/194/61/000/012/059/097  
D201/D303

time of diffusion of rubidium atoms. Initially, the conductivity falls by 4 orders of magnitude and the minimum of the curve corresponds to the formation of  $\text{RbSb}_2$ . The conductivity then rises by 3 orders of magnitude until an inflection point is reached corresponding to the formation of  $\text{Rb}_3\text{Sb}$  which has a cubic lattice. With the increase of stoichiometric excess of rubidium atoms in this compound, the conductivity continues to rise sharply. The measurements were made in an experimental instrument with a spherical condenser having an antidyatron grid mounted inside it. The instrument was sealed off at pressures  $< 10^{-7}$  mm Hg. The high vacuum was sustained during the duration of the experiment by a cylindrical zirconium sheet getter. The highest coefficient of secondary emission of electrons (7.35) was observed for the  $\text{Rb}_3\text{Sb}$  compound, for the primary electron energy of 450 V. As the rubidium atom content increases inside the layer, the maximum of the secondary emission coefficient shifts in the direction of higher energies. The energy distribution of secondary emission electrons was determined us-

Card 2/3

KNEYFERAVICHYUS, V.A. [Kneiferavicius, V.]

Improve the therapeutic work. Veterinariia 40 no.9:6-9 S '63.

1. Direktor Litevskoy respublikanskey veterinarnoy polikliniki.  
(MIRA 17:1)

VLCHEK, A.; KNEYDL, Ya.; YALBEK, Yu.; KRAL, M.

Enteral and parenteral dyspepsia. Vop. okh. znat. i det. 6 no. 3;  
15-22 Mr '61.  
(MIRA 14:10)

1. Is otdela dotekikh bolezney bol'nitsy v Klatovakh Instituta  
gigiyeny meditsinskogo fakul'teta Karlova universiteta i mikro-  
biologicheskoy laboratorii RGEN v Klatovakh.  
(DISPEPSIA)

FUKARAK, P.; RAF'R, J.; MESTROVIC, S.; KLEPAC, D.; LAKENICK, Z.; ZMIJANAC, D.;  
SEVNIK, F.; ZAGAR, B.; MIKLAVZIC, J.; KNEZ, A.; PIPAN, R.; FUNKL, L.;  
SVETLICIC, A.; ZUMER, L.; KKVO, R.

Review of periodicals; silviculture. Bul sc Youg 9 no.4/5:144-  
145 Ag-O '64.

SKACEL, Jaroslav; MAREK, Miloslav; MIKUS, Miloslav; KNEZ, Jaroslav;  
PAUK, Tomas; BARTAS, Frantisek; OREL, Petr; VIBIREL, Josef;  
BARTH, Vojtech; KNITTING, Petr; FOJT, Bohuslav; DVORAK, Jaroslav;  
KOCIAN, Jan.

The 2nd Regional Geological Conference in Opava. Prir cas  
slezsky 23 no.1:133-143 '62.

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KHEZ, L.

"Physical phenomena and processes in arc welding" (p. 25)  
SAOBRACAJ ( Auto-moto savez Hrvatske i Udruzenje saobracajnih poduzeća Hrvatske ).  
Zagreb Vol.2, no. 2, 1953

SO: East European Accessions List. Vol. 3, No. 8, August 1954

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

KREZ, L.

Jadran, a new domestic coated electrode. p. 70

VARILNA TEHNIKA, Ljubljana, Vol 3, No. 3, 1956

SO: KRAL, Vol 5, No. 7, July, 1956

KNEZ, L.

Welding wires and electrodes from Jesenice in the light of Yugoslav and international standards. p. 230. (NOVA PROIZVODNJA, Vol. 5, no. 3/4, Sept. 1954. Ljubljana, Yugoslavia)

SO: Monthly List of East European Accessions, (EAL), LC, Vol. 4, No. 4, Apr 1955, Uncol.

KNEZ, Leo, ing. (Jesenice, Tomšiceva 8)

The 10th anniversary of the Welding Society of the PR of Slovenia.  
Var tehnično 10 no. 3:69-70 '61.

1. Odbornik, Drustvo za varilno tehniko LRS; odbornik Uredniškega  
odbornika, "Varilna tehnika".

(Yugoslavia—Welding)

KNEZ, V.

Influence of the sourness of milk on the quantity and quality of  
cottage cheese. p. 440.

PROMYSL POTRAVIN. Praha. Vol. 6, no 9, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

KNEZ, VACLAV.

Vyreba syru. Praha, Statni nakl. technicke literatury, 1956. 282P. (Cheese making)  
DA Net in DLC

30: Monthly Index of East European Acquisitions (EEAI) Vol. 6 No. 11 November 1957

KNEZ, V., AND OTHERS.

KNEZ, V., AND OTHERS. Fundamental work in developing mechanized and automated production lines in the dairy industry. p. 392

Vol. 7, no. 9, 1956

PRUMYSYL POTRAVIN

TECHNOLOGY

Praha, Czechoslovakia

See: East European Accession, Vol. 6, No. 2, 1957

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H  
and Their Uses. Part III. Food Industry.

Abs Jour : Ref Zhur-Khiniya, No 15, 1958, 51893

Author : Knoz, V., Masek, J., Vedlich, M.,  
Stadler, K.

Inst :

Title : Construction of a Plant for the Production  
of High Quality Ferments for Application  
in the Milk Industry.

Orig Pub : Prumysl potravin, 1957, 7, No 7, 310-313

Abstract : The quality of ferments depends not only on the quality of the milk used, but also on the purity of the bacterial cultures. One must sterilize milk at 90-95° for 30 minutes while stirring, prior to the culture inoculation. Subsequently, the steri-

Card : 1/2

CZECHOSLOVAKIA/Chemical Technology. Chemical Products H  
and Their Uses. Part III. Food Industry.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723320007-7

Abs Jour : Ref Zhur-Khiniya, No 15, 1958, 21893

lized milk should be cooled to 10°. The bacterial culture may be then introduced; the medium is re-heated to 22-23° in such a way as to prepare the ferment in 16-8 hours. At the end of the heating cycle the temperature was lowered to 16-18°. Equipment and instrumentation used in the Sodl-  
ozany Plant were described. -- B. Adenots

Card : 2/2

Knes, V., and others.

Knes, V., and others. Bases for development studies on the building, mechanization, and automation of production in the dairy industry. (Supplement) p. 1.

Vol. 6, no. 1, 1957

PRUMYSL POTRAVIN

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, No. 5, May 1957

KNEZ, V.

Italian dairy industry, p.268.  
(Prumysl Potravin, Vol. 8, No. 5, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

KNEZ, V.

CZECHOSLOVAKIA/Chemical Technology - Food Industry.

Author : Abe Jour : Ref Zhar - Khimiya, No 16, 1958, 55656

Author : Knes

Inst : Prumysl potravin

Title : A Correct and Economical Method of Salting Cheese in Salt  
Salting Vats. (A. Knes) This article describes a method of  
salt cheese in salt vats. It is based on a mathematical  
calculation of salted cheese and its salt content.

Orig Pub : Prumysl potravin, 1957, 8, No. 12, 627-630

Abstract : A practical method for salting hard cheese on an industrial scale was worked out. A description of an experimental setup (a cellar in Sedel'chany) is given. The constant temperature (12-15°C.) is maintained in the salting vats by automatic regulators and a cooling coil containing a cooling agent. A forced circulation of brine assists in maintaining a certain (optional for each variety of cheese) concentration, which is controlled by a device that measures the concentration in Be°, and is equipped with a signal system.

Card 1/2

KMFZ, V.

Cheddar cheese.

P. 112 (Ministry of Health, Research Institute for Organization of Health Service)  
Vol. 12, No. 7/8, July/Aug. 1957

SO: Monthly Index of East European Acessions (AEEI) Vol. 6, No. 11 November 1957.

KNEZ, V.

More cheese for the tables of our consumers.

p. 146 (VYZIVA LIDU) Vol. 12, no. 10, Oct. 1957,  
Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March 1958

KNEZ, V.; DEDEK, M.; VEDLICH, M.

"A draft of mechanized and nearly automatized curd-production lines." p. 241

PRUMYSL POTRAVIN. Praha, Czechoslovakia, Vol. 9, No. 5, May, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959  
Unclass

KNEZ, V.

COUNTRY : CZECHOSLOVAKIA  
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Food Industry  
ABS. JOUR. : RZKhim., No. 23 1959, No. 83924  
AUTHOR : Cerovsky, J.; Henik, J.; Hoidar, J.; Knez, V.  
INST. : -  
TITLE : Mechanized Flow Line for the Production of Acid Casein  
ORIG. PUB. : Prumysl potravin, 1958, 8, No 8, 285-288  
ABSTRACT : For complete mechanization of a continuous flow in the manufacture of casein it is proposed to include a counterflow, direct action washer and a transporter press. The washer comprises a slanted, stationary cylinder, equipped with an internal, perforated, rotating drum, having a mixer. Paddles of the mixer are arranged in a screw type fashion along the whole length of the shaft. They are so oriented as to direct the flow of grains upward, countercurrently to the flow of water.

CARD: 1/2

H - 119

KNEZ, [REDACTED], ROUS.

TECHNOLOGY

periodicals: MRUJSL POTRAVIN Vol. 9, no. 8, Aug. 1958

KNEZ, LIKAR, ROUS. Advantages of using the dairy slide rule to control the composition and quality of milk. p. 437.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5  
May 1959, Unclass.

KNEZ, V.; Frydl, V.

Application of pallets in the cheese industry. p. 13

PRUMYSL POTRAVIN. (Ministerstvo potravinarskyho prumyslu) Praha, Czechoslovakia  
Vol. 10, no. 1, Jan. 1959

Monthly List of East European Accessions (EEAI), LV, Vol. 8, no. 7, July 1959  
Uncl.

Effect of cream homogenization on the fat content of waste whey in plants manufacturing the Niva cheese. p. 553

PRUMISL POTRAVIN. (Ministerstvo potravinářského průmyslu)  
Praha, Czechoslovakia Vol. 10, no. 10, Oct. 1959

Monthly List of East European accession, (EEAI), IC, Vol. 8, No. 12, Dec. 1959  
Uncl.

KNEZ, Vatolay [Knes, Vasilij], insh.; KHARITONOV, I.A. [translator];  
TITOV, G.A., insh., spetsred.; NOGORINA, V.A., red.; KISINA,  
Ye.I., tekhn.red.

[Manufacture of cheeses] Proizvodstvo syrov. Moskva, Pishche-  
promizdat, 1960. 271 p. Translated from the Czech.  
(Cheese industry) (MIRA 13:9)

—KNEZ, Vaclav, ins.

Effect of grain size on the number of eyes in the Gruyers  
cheese. Prum potravin 13 no.5:243-247 My '62.

1. Vyskumný ustav mlekařenský, Praha.

KNEZ, Vaclav, ins.; JECHEN, Jiri, ins.

Effect of squeezed curd on the quality of cheese called  
Moravian loaf. Prum potravin 13 no.12:633-638 D '62.

1. Vyskumny ustav mlekaresky, Praha (for Knes). 2. Zavody  
potravinarskych a chladicich stroju, n.p., vyskumny ustav,  
Praha (for Jecken).

KNEZ, Vaclav, ins.

Evaluation of the packaging of cheese. Prum potravin 13  
no.12;655 D '62.

1. Vyakunany ustav mlekaresky, Praha.

CEROVSKY, Jaroslav, ins.; BASAR, Jaroslav; KNEZ, Vaclav, ins.

Completely mechanized line for acid casein production.  
Prum potravin 14 no.2:64-66 P '63.

1. Ustredni vynkomy ustav potravinarskeho prumyslu,  
Praha (for Cerovsky and Basar). 2. Vynkomy ustav  
mlskarensky, Praha (for Knez).

KNEZ, Vaclav, ins.; PAZDERSKY, Karel

Effect of the pricking method on the ripening and quality of  
Niva cheese aging under a wax coating. . Prum potravin 14 no.8:  
420-424 Ag '63.

1. Vyskumnny ustav mlekarensky, Praha (for Knes).
2. Vychodocekske mlekarny, n.p., Pardubice (for Pazdersky).

KNEZEK, Josef, ins.

Spontaneous heating of materials is the initial phase of self-ignition. Dravo 19 R.4:131-132 Ap '64

1. Antonin Zapotocky Military Academy, Brno.

KNEZEK, Josef, inz.

Remark on Czechoslovak Standard 73 05 40: Design of Building  
Constructions from the Viewpoint of Heat Engineering. Poz stavby  
J2 no. 101444 '64.

KNEZEK, Miroslav, ins., kandidat technickych ved, nositel cestnho  
cetkaku "Nejlepší pracovník vodního hospodarství"  
ZAJICEK, Václav, RNDr., kandidat geografickych ved

Measurement of the permeability of noncohesive earth above the  
underground water level. Geol průzkum 5 no.10:307-309 0 '63.

1. Výzkumný ústav vodohospodarský, Praha.

ZIMA, Karel, dr., KMEZK, V... průměrový geolog

Underpressure pumping from a well. Vodní hosp 13  
no.2149 '69.

1. Vodní zdroje, Praha.

KNEZEK, ZDENEK

Rusko-cesky a cesko-rusky sklarsky slovník. [Vyd. 1.] v Praze,  
Statni nakl. technicke literatury, 1954. 293 p. [Russian-Czech  
and Czech-Russian dictionary of terms in the field of glass  
manufacture. 1st ed.]

SO: Monthly List of East European Accession(EEAL) LC Vol. 4, No. 11,  
Nov. 1955, Unol.

Knezenic, V.

YUGOSLAVIA / Analytical Chemistry-Analyses of inorganic substances.

Z-2

Abs Jour : Ref Zhur - Khimya, No 14, 1959, No. 49230  
Author : Knezenic, V.; Majcic, D.  
Inst : Not given  
Title : The Germanium Content of Ores from the Borak Deposit and Its Determination  
Orig Pub : Tehnika, 13, No 10; Rud i metalurg, 9, No 10, 238-239 (1958)

Abstract : A rapid method for the determination of microgram quantities of Ge in Cu minerals, concentrates, and fines is described; the method is based on the photometric analysis of the phenyluronic Ge complex. The unknown sample is dissolved in conc HNO<sub>3</sub> and conc H<sub>3</sub>PO<sub>4</sub>. The presence of As in excesses of up to 1,000-fold does not interfere with the determination. The Ge is separated

Card 1/2

YUGOSLAVIA / Analytical Chemistry--Analysis of inorganic substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1959, No. 49230

from interfering elements by  $\text{CCl}_4$  extraction from 9 N HCl and by distillation from (1 : 1) HCl. The first method cannot be used with materials containing large amounts of Ge. The above-described procedure has been used in the analysis of a number of Cu minerals; the highest Ge content was found in the mineral enargite. . .  
Authors' summary

Card 2/2

E-17

KNEZEVIC, BOGIC, R.

Zasipanje Groznickog jezera Beograd, 1955. 65 p. (Hidrotehnicki institut "Inz. Jaroslav Cerni." (Posebna izdanja, knj. 5) (The filling up of Groznica Lake. English and French summaries. illus., diagrs.)

CU

NOT IN DLC

Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7

KNEZEVIC, Bogic

Underground waters of the valley of Macva. Zbor grad Univ  
Beograd 5 109-130 '62.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723320007-7"

KNEZEVIC, Bogic, prof., ing.; HAJDIM, Georgije, ing.

An intake of water in a bridge pier. Vodoprivreda Jug no. 7/6:16-18  
'59. <sup>2</sup>  
(HEAI 10:1)

1. Građevinski fakultet, Beograd.  
(Bridges) (Water) (Irrigation)

KNEZEVIC, Bogic, prof.

Contribution to the study of the erosion of bridge piers. Vodoprivreda  
Jug 2 no.7/8:67-72 '59. (XXAI 10:1)

1. Građevinski fakultet, Beograd.  
(Bridges) (Erosion) (Rivers)